



# Big Bite™

Commercial Rear Loader



## Beauty In The Beast

*A Member Of The*

**DuraPack™ Family**



Heil's DuraPack™ Big Bite™ is the most advanced rear cavernous hopper. The Big Bite™ is a commercial rear capacity, and the Heil toughness to thrive in harsh environments down 10-yard containers, and feasts on refuse that would choke the toughest routes – the Big Bite™ fears nothing. So what's on your

# DuraPack™

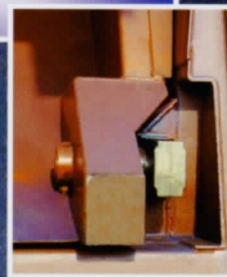
The Biggest Advancement in Rear Loaders Since



The DuraPack™ curved shell and flat floor means a stronger body, with single sheet body sidewalls turned horizontally so that packing forces work with the grain of the steel. High efficiency snoutless ejector gives smooth, full discharge. The raised ejector tracks ensure longer life from bearings and the body floor, which is a seamless panel of high tensile steel. High angle cylinder mount allows ejector to retract farther, improving weight distribution and achieving better payloads with less stress on internal components.



Slide shoe bearings are cast from aluminum/bronze alloy for wear resistance, and are engineered for easy service. The cast alloy ejector shoes are easy to service, too, and can be changed without removing the ejector panel. The shoes are even reversible, for double the life of ordinary shoes.



Heil's famous interlaced subframe is even better. More crossmembers, even more spaced and all fully welded using advanced robotic welding. The result is a more solid foundation and superior resistance to corrosion.



ear loader in the industry, from its smooth, one piece steel body sidewall to the  
ear loader that means business, with a voracious appetite, outstanding payload  
environments. The Big Bite™ devours industrial and construction waste, gulps  
hoke other rear loaders. It's sleek and stylish, but it's also ready to handle your  
your menu today?

# Big Bite™

Since The Introduction of the Packer Body.



## Features You Can Get Your Teeth Into.

- Built to take the punishment of your toughest jobs, with 80,000 psi minimum yield high-tensile steel in high stress body components, and 150,000 psi min. yield steel in areas of the tailgate subject to high wear and stress.
- Rugged, reinforced hopper lip withstands the daily abuse of C&D routes.
- Sloped hopper floor and curved blade deliver a cleaner hopper with each cycle.
- High load capacity, self lubricating bearings for long life and low maintenance.
- Latest design in ejector/packer assembly delivers more payload forward in the body, and reduces packing forces on the track and floor.
- Ejector shoes are replaceable without removing ejector panel.
- Slide shoe bearings are also easily replaceable.
- All-chrome cylinder rods and sleeves and hardened chrome pins.
- 61" high tailgate gasket.
- 118,000 lbs. of packing force through the 2,500 psi high efficiency hydraulic system.
- Variety of custom tailored light packages are available for high visibility.
- Variety of container handling devices available.

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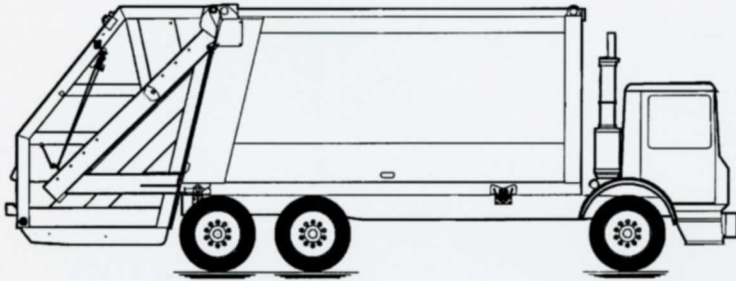


Hydraulic tubes are routed inside rear bolsters for added protection and cleaner look, yet are easily accessible for service.





# S P E C I F I C A T I O N S



All designs, specifications and components are subject to change at the manufacturer's sole discretion at any time without notice. Data published herein is for information purposes only and shall not be construed to warrant suitability of the unit for any particular purpose, as performance may vary with the conditions encountered. The only warranty is our standard written warranty for this product at the time of shipment.

## DuraPack™ Big Bite™ High Compaction Rear Loader

HYDRAULIC SPECIFICATIONS	
<b>PUMP</b>	
Type	High pressure gear.
Max. operating pressure	2500 psi
GPM at working RPM	32 GPM (121 liters/min. @1100 rpm)
<b>OIL RESERVOIR</b>	
Tank capacity	45 gallons (170 liters)
Filters	100 Mesh (140 Micron) suction line replaceable 6 Micron return line with in-cab filter monitor
<b>VALVES</b>	
Shut-off	Gate valve in suction line between pump and reservoir
Packing control	Spool type.
Ejector and tailgate raise	Spool type.

CONSTRUCTION SPECIFICATIONS		
High Tensile Steel	Thickness	mm
Body sides	8 ga. <sup>(1)</sup>	3.9
Body roof	8 ga. <sup>(1)</sup>	3.9
Body floor	7 ga. <sup>(1)</sup>	4.5
Body longitudinal	7 ga. <sup>(1)</sup>	4.5
Floor support members	7 ga. <sup>(1)</sup>	4.5
Hopper floor	1/4 in. <sup>(2)</sup>	6.3
Carrier panel	3/16 in. <sup>(2)</sup>	4.8
Hopper sides	3/16 in. <sup>(2)</sup>	4.8
Packing blade	3/16 in. <sup>(2)</sup>	4.8
Ejector panel	11 ga. <sup>(3)</sup>	3.0
<sup>(1)</sup> 80,000 psi min. yield		<sup>(2)</sup> 150,000 psi min. yield
<sup>(3)</sup> 50,000 psi min. yield		

CHASSIS REQUIREMENTS									
MODEL	MIN. GAWR				USABLE CT	MIN. Platform			
	MIN.	Conventional		Cab-Over-Eng.		Inches	mm		
	GVWR	Front	Rear	Front	Rear	Inches	mm		
Big Bite - 25	53,000	13,000	40,000	15,000	38,000	156	3962	200	5080
Big Bite - 27	56,000	14,000	42,000	16,000	40,000	168	4267	212	5385
Big Bite - 32	61,000	15,000	46,000	17,000	44,000	198	5029	240	6095

NOTES:  
 1) Any chassis sent to The Heil Co. with less than these minimum GVWR/GVARs will not be mounted.  
 2) If CA/CT is not as recommended, contact Heil Environmental Industries, Ltd. for applicable weight distribution and GVWR/GAWR requirements.  
 3) Diesel engines require full variable speed governor or electronic throttle controls.  
 4) Usable CT shown plus a 50" AF permit an 8" forward mount and a 3" cab clearance.

OPERATING CONTROLS	
Packing	.....Right side of tailgate.
Tailgate raise	.....Forward left corner of body.
Ejector	.....Forward left corner of body.
P.T.O.	.....Inside cab.
Signal buzzer switches	.....Right side of tailgate.
Engine speed-up	.....Forward left corner of body.

TAILGATE SPECIFICATIONS									
HOPPER CAPACITY		LOADING SILL HEIGHT		HOPPER LOADING WIDTH		HOPPER OPENING HEIGHT		CYCLE TIME	
Yd <sup>3</sup>	m <sup>3</sup>	Inches	mm	Inches	mm	Inches	mm	Complete	Reload
3.1	2.37	4.6	117	80	2032	53	1346	30-34	10-12

BODY SPECIFICATIONS														
MODEL	BODY CAPACITY		OVERALL LENGTH		OVERALL LENGTH TAILGATE RAISED		OVERALL WIDTH		OVERALL HEIGHT ABOVE FRAME		OVERALL HEIGHT TAILGATE RAISED		GROSS WEIGHT APPROXIMATE	
	Yd <sup>3</sup>	m <sup>3</sup>	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Lbs.	Kg.
Big Bite - 25	25	19.1	280	7112	330	8382	96	2438	96	2438	218	5537	16,900	7666
Big Bite - 27	27	20.6	292	7417	342	8687	96	2438	96	2438	218	5537	17,300	7848
Big Bite - 32	32	24.4	320	8128	370	9398	96	2438	96	2438	218	5537	18,000	8165

CYLINDERS																		
MODEL	TAILGATE RAISE (2) Double Acting				PACKING BLADE (2) Double Acting				UPPER PANEL (2) Double Acting				EJECTION (1) Double Acting Telescopic					
	BORE		STROKE		BORE		STROKE		BORE		STROKE		MODEL	STAGES	BORE		STROKE	
	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm			Inches	mm	Inches	mm
ALL	4	102	24.5	622	5.5	140	24	610	5.5	140	35.8	911						
													Big Bite-25	4	6	152	134.1	3406
													Big Bite-27	4	6	152	145.8	3703
													Big Bite-32	5	7	178	173.6	4410



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